Cal/Ecotox
Toxicity Data for Northern Flicker (Colaptes auratus)*

Chemical	Tox Exposure	Endpoint Type	Endpoint Description	Endpoint Value	Note	Reference
DDT (Technical Grade Mixture)	0.24 (reference), 0.58 (treatment) ppm DDT and metabolites, wet wt, in eggs	TOX-REPRO - physiology	eggshell thickness	no effect	a	1
ENDRIN	1.3-1.7 kg/ha	TOX-EXP IND - accumulation	tissue endrin residues	brain=greater than or equal to 0.8 ppm, wet wt	b	2

Notes

a Adult; F; Species - California (R)=Colaptes auratus; TOX - Chemical=DDT (Technical Grade Mixture); N=8 eggs (reference), 12 eggs (treatment); NE Oregon, SE Washington, Idaho; Tox Exp Tech=pesticide application; Tox Exp Dur=NR; Tox Study Dur=NR; Tox Stat Sig=N; Eggshell measurements taken 1 yr post-application.

b NR; WA; NR; Species - California (R)=Bubo virginianus; Species - California (R)=Zenaida macroura; Species - California (R)=Colaptes auratus; TOX - Chemical=72-20-8; N=1-3 animals; Wenatchee; Tox Exp Tech=pesticide application (late fall); Tox Exp Dur=NR; Tox Study Dur=approx. 10 mo.; Tox Stat Sig=NR; Sample was taken from individual in which cause of death was diagnosed as endrin poisoning (0.8 ppm was assumed to be a lethal concentration for brain).

References

1 Henny, Charles J., Roger A. Olson and Dennis L. Meeker. 1977. Residues in common flicker and mountain bluebird eggs one year after a DDT application. Bull. Environ. Contam. Toxicol. 18(2):115-122.

2 Blus, Lawrence J., Charles J. Henny, T. Earl Kaiser and Robert A. Grove. 1983. Effects on wildlife from use of endrin in Washington state orchards. Trans. North Am. Wildl. Nat. Resour. Conf. 48:159-174.